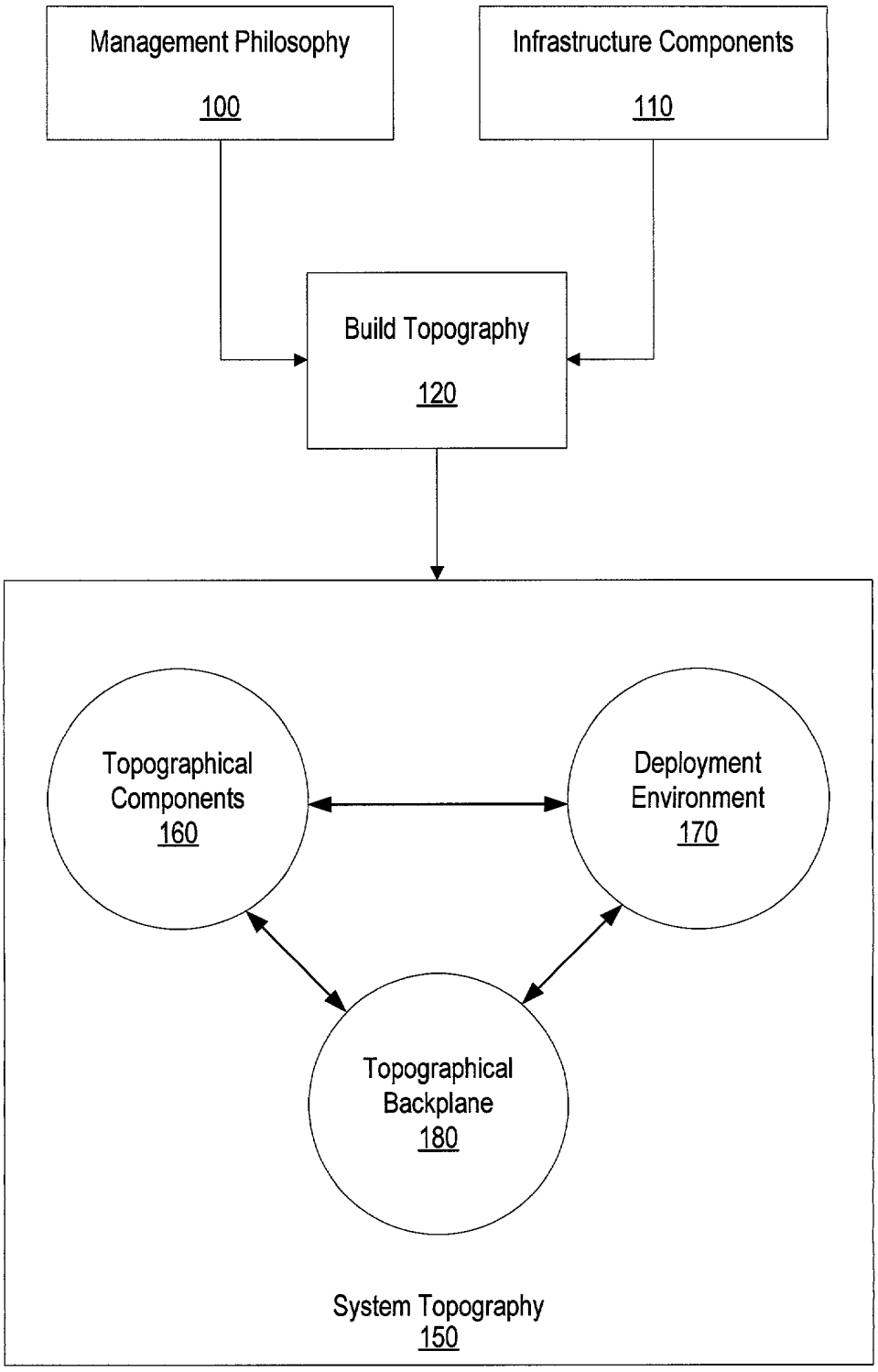
Management Philosophy
100
Infrastructure Components
110
Build Topography
120
Topographical Components
160
Deployment Environment
170
Topographical Backplane
180
System Topography
150

Figure 1

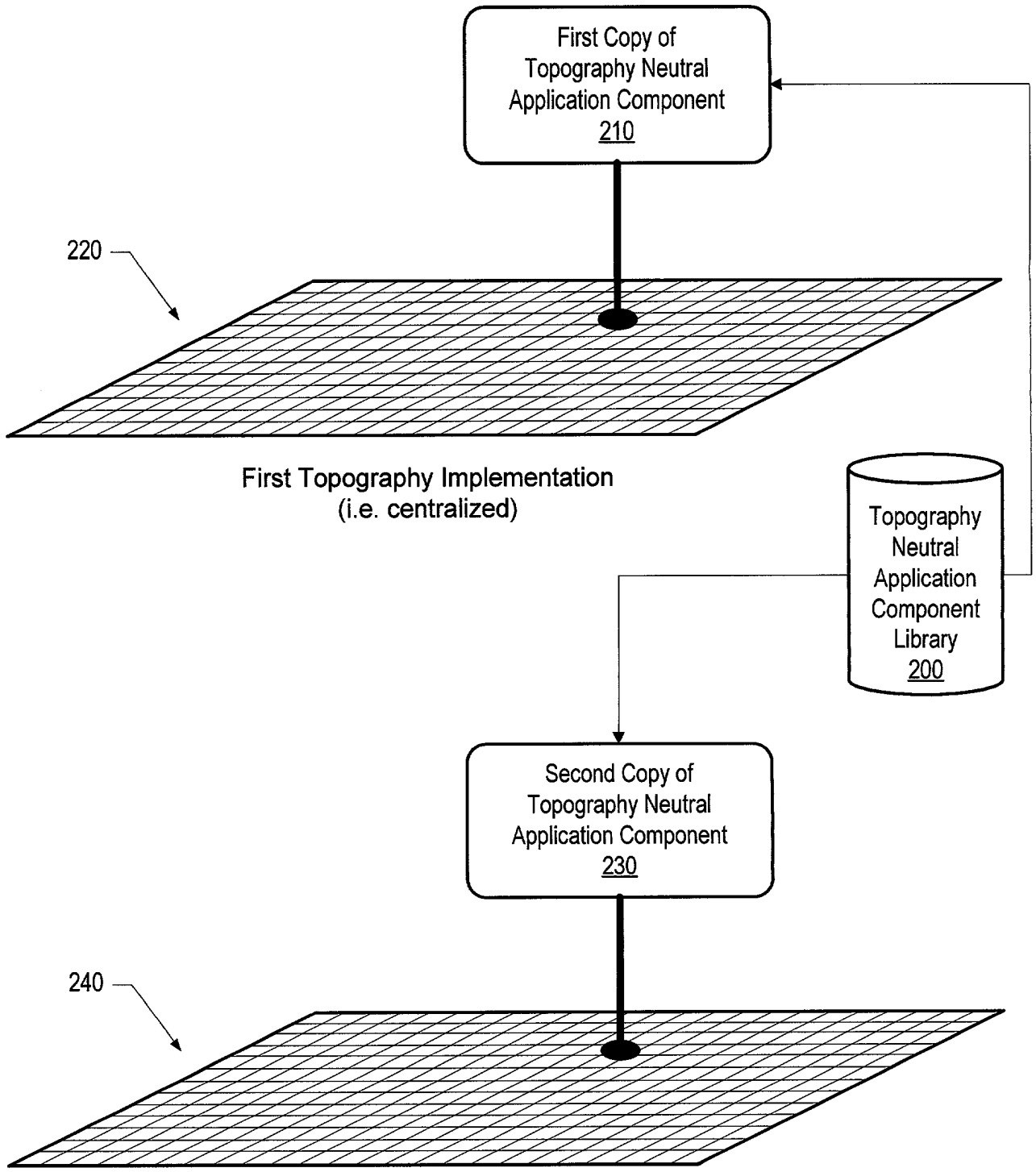
First Copy of Topography Neutral Application Component 210
220
First Topography Implementation (i.e. centralized)
Topography Neutral Application Component Library 200
Second Copy of Topography Neutral Application Component 230
240
Second Topography Implementation (i.e. distributed)

Figure 2

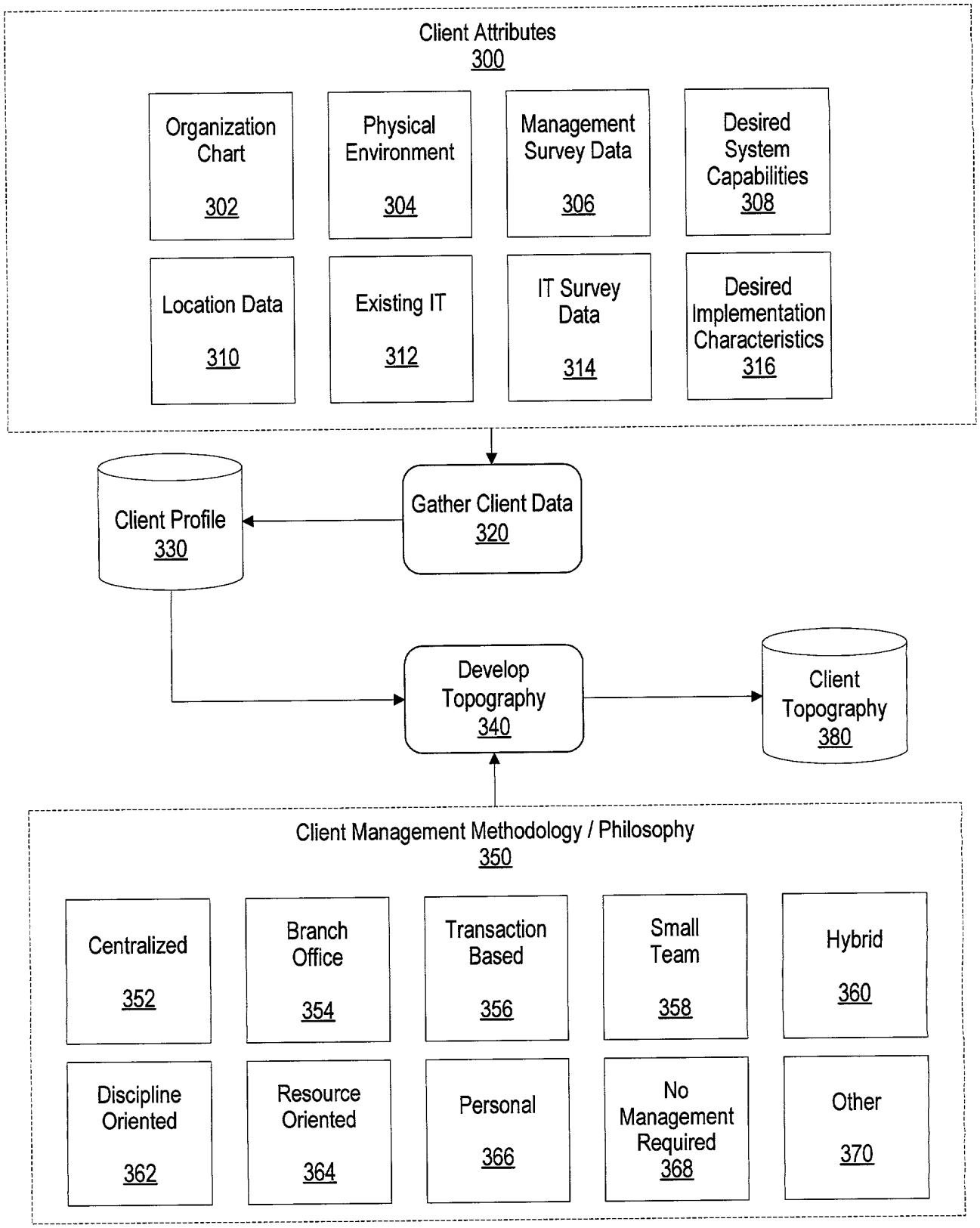
Client Attributes
300
Organization Chart
302
Physical Environment
304
Management Survey Data
306
Desired System Capabilities
308
Location Data
310
Existing IT
312
IT Survey Data
314
Desired Implementation Characteristics
316
Client Profile
330
Gather Client Data
320
Develop Topography
340
Client Topography
380
Client Management Methodology / Philosophy
350
Centralized
352
Branch Office
354
Transaction Based
356
Small Team
358
Hybrid
360
Discipline Oriented
362
Resource Oriented
364
Personal
366
No Management Required
368
Other
370

Figure 3

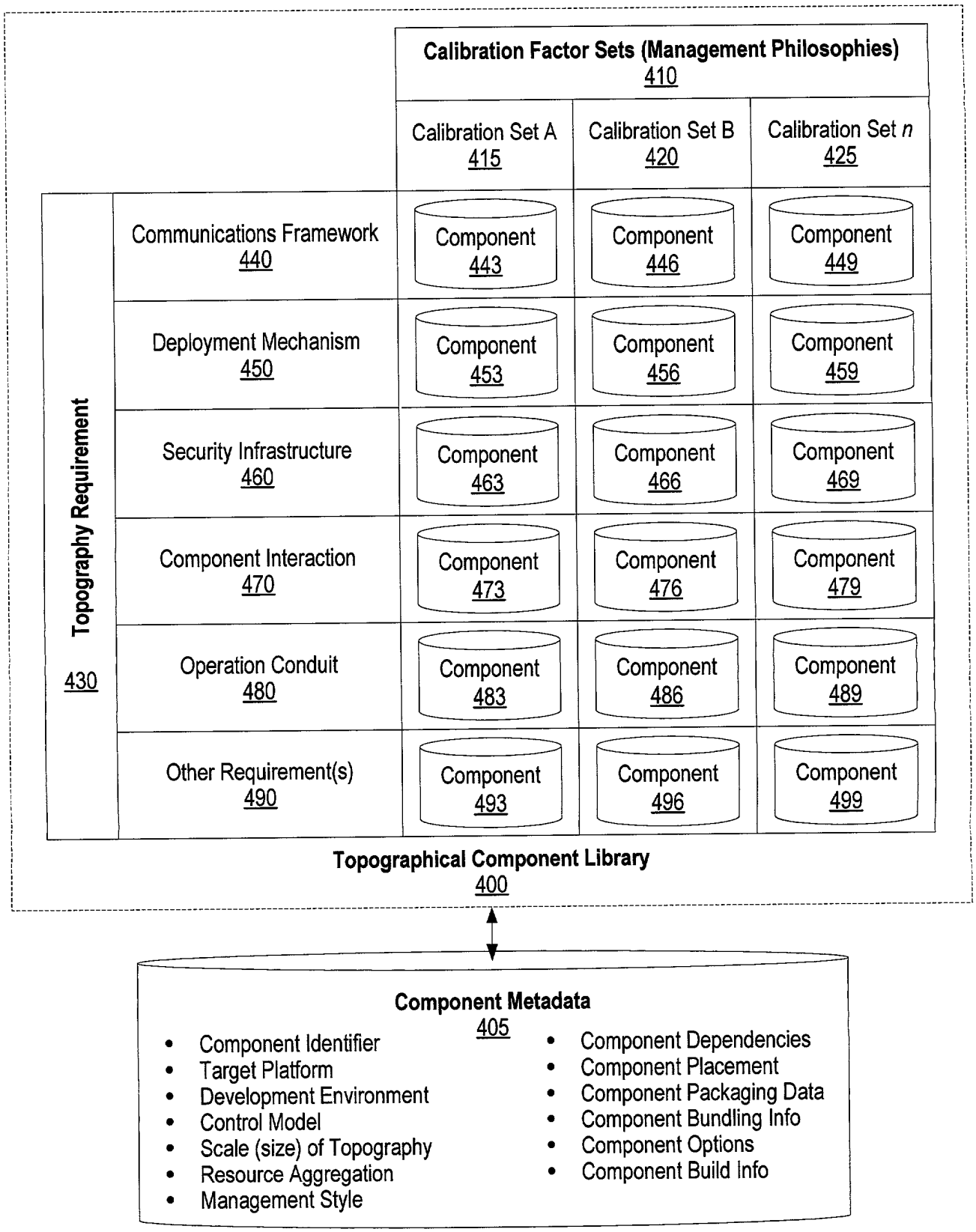
Calibration Factor Sets (Management Philosophies)
410
Calibration Set A
415
Calibration Set B
420
Calibration Set n
425
Topography Requirement
430
Communications Framework
440
Deployment Mechanism
450
Security Infrastructure
460
Component Interaction
470
Operation Conduit
480
Other Requirement(s)
490
Component
443
Component
446
Component
449
Component
453
Component
456
Component
459
Component
463
Component
466
Component
469
Component
473
Component
476
Component
479
Component
483
Component
486
Component
489
Component
493
Component
496
Component
499
Topographical Component Library
400
Component Metadata
405
Component Identifier
Target Platform
Development Environment
Control Model
Scale (size) of Topography
Resource Aggregation
Management Style
Component Dependencies
Component Placement
Component Packaging Data
Component Bundling Info
Component Options
Component Build Info

Figure 4

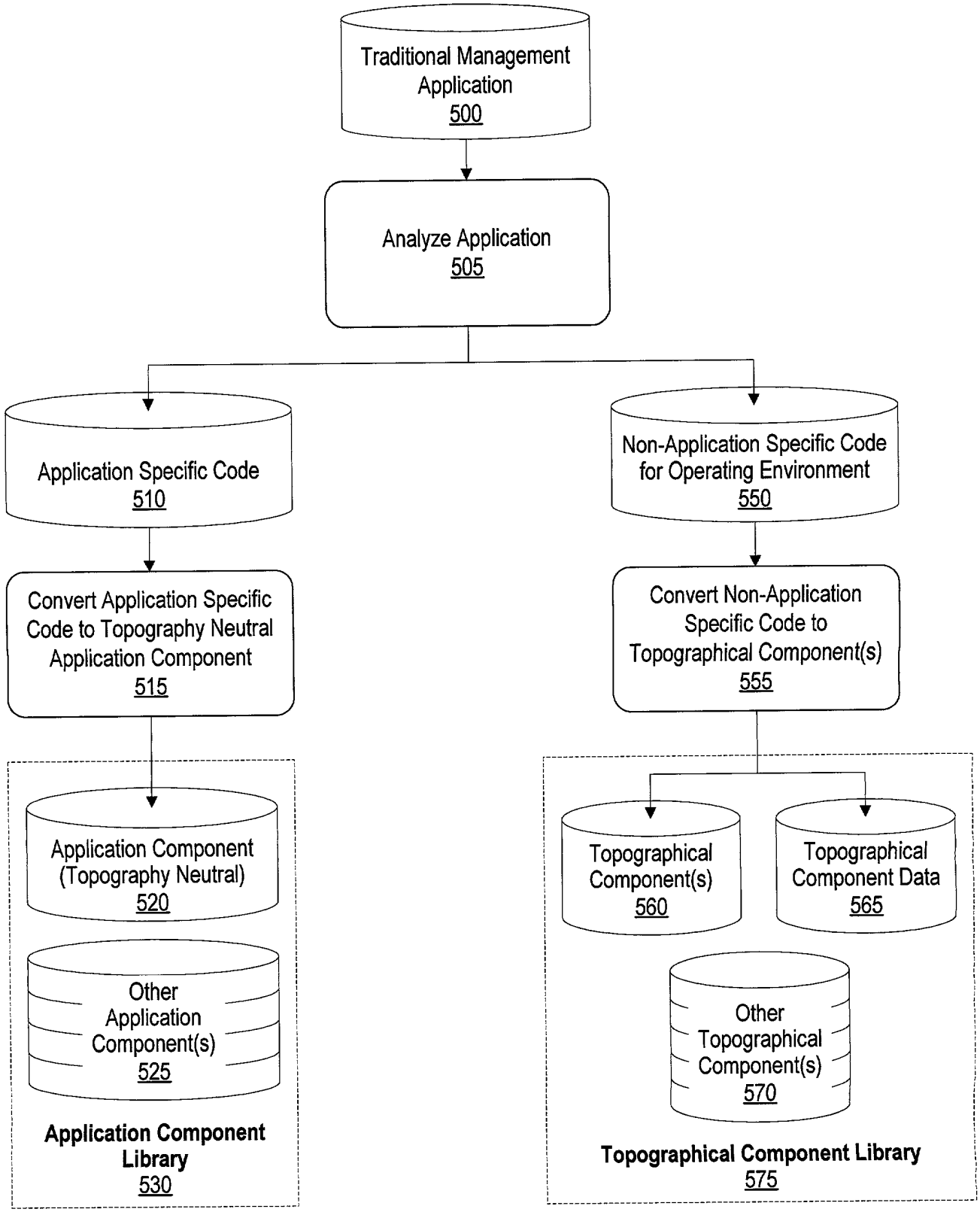
Traditional Management Application
500
Analyze Application
505
Application Specific Code
510
Convert Application Specific Code to Topography Neutral Application Component
515
Application Component (Topography Neutral)
520
Other Application Component(s)
525
Application Component Library
530
Non-Application Specific Code for Operating Environment
550
Convert Non-Application Specific Code to Topographical Component(s)
555
Topographical Component(s)
560
Topographical Component Data
565
Other Topographical Component(s)
570
Topographical Component Library
575

Figure 5

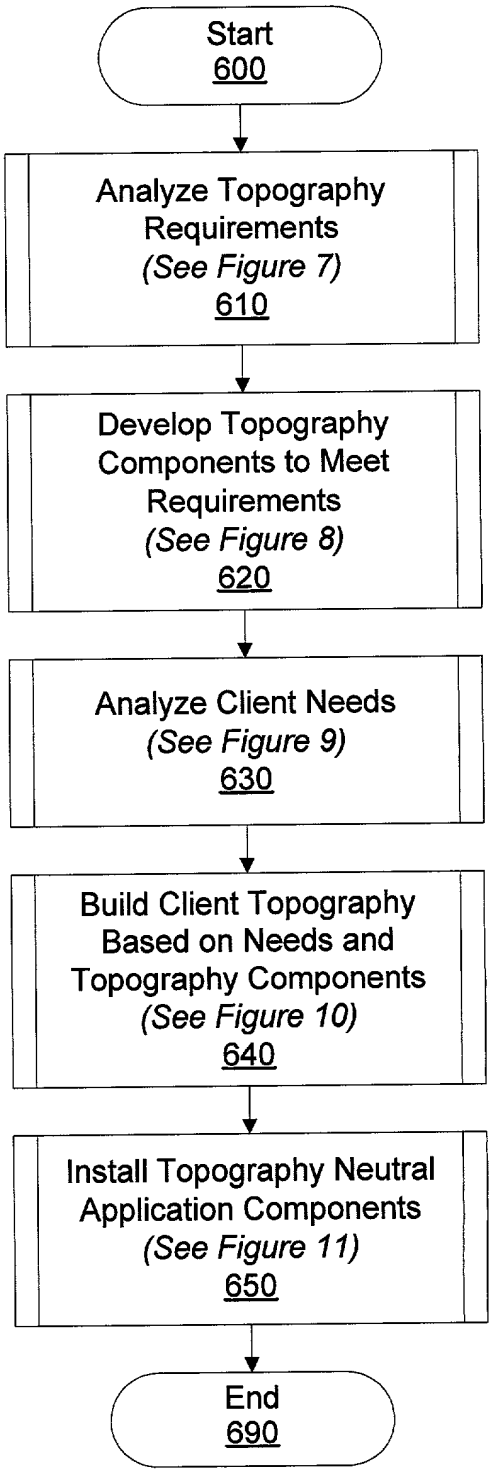
Start
600
Analyze Topography Requirements
(See Figure 7)
610
Develop Topography Components to Meet Requirements
(See Figure 8)
620
Analyze Client Needs
(See Figure 9)
630
Build Client Topography Based on Needs and Topography Components
(See Figure 10)
640
Install Topography Neutral Application Components
(See Figure 11)
650
End
690

Figure 6

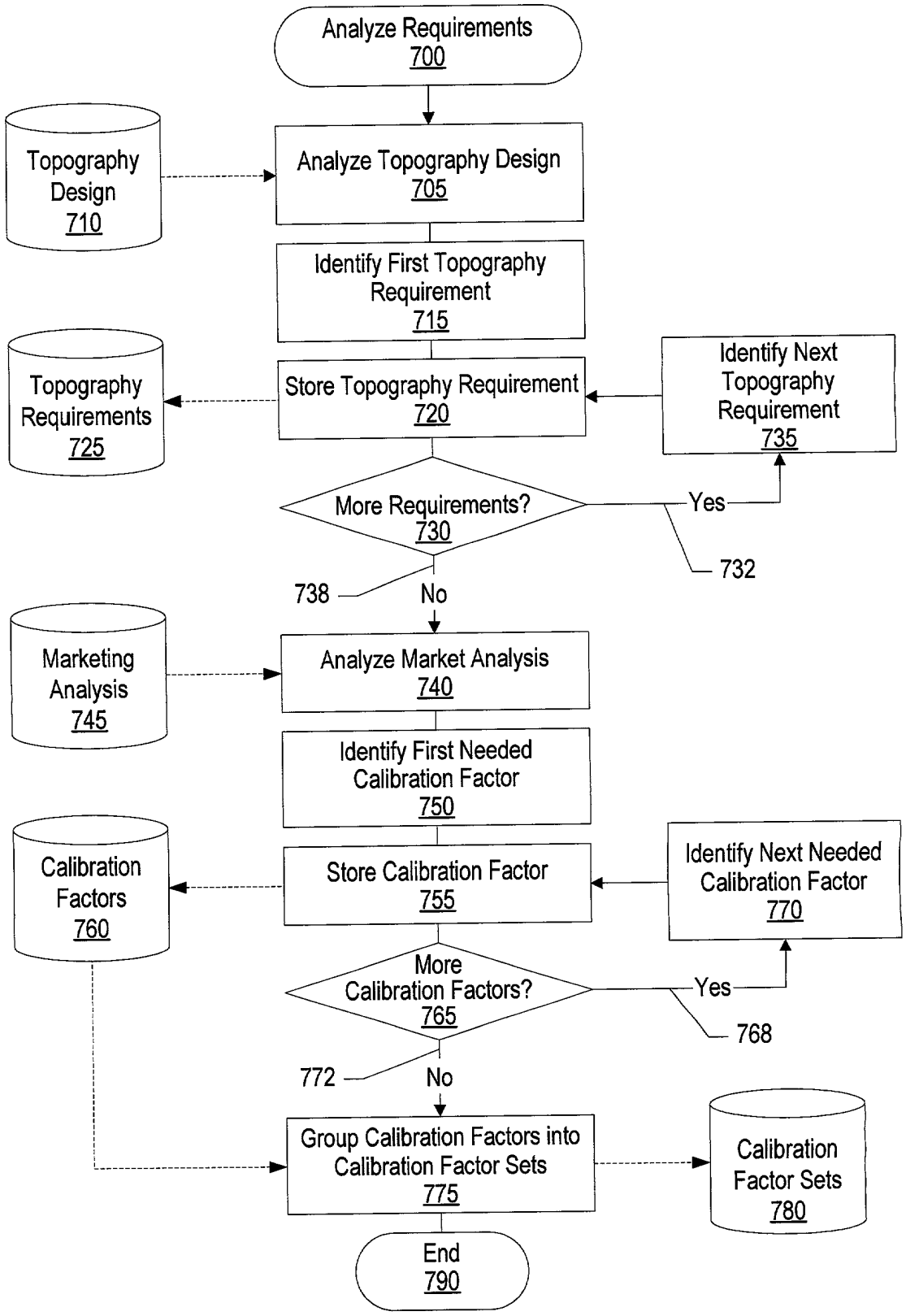
Analyze Requirements
700
Topography Design
710
Analyze Topography Design
705
Identify First Topography Requirement
715
Topography Requirements
725
Store Topography Requirement
720
Identify Next Topography Requirement
735
More Requirements?
730
Yes
732
738
No
Marketing Analysis
745
Analyze Market Analysis
740
Identify First Needed Calibration Factor
750
Calibration Factors
760
Store Calibration Factor
755
Identify Next Needed Calibration Factor
770
More Calibration Factors?
765
Yes
768
772
No
Group Calibration Factors into Calibration Factor Sets
775
Calibration Factor Sets
780
End
790

Figure 7

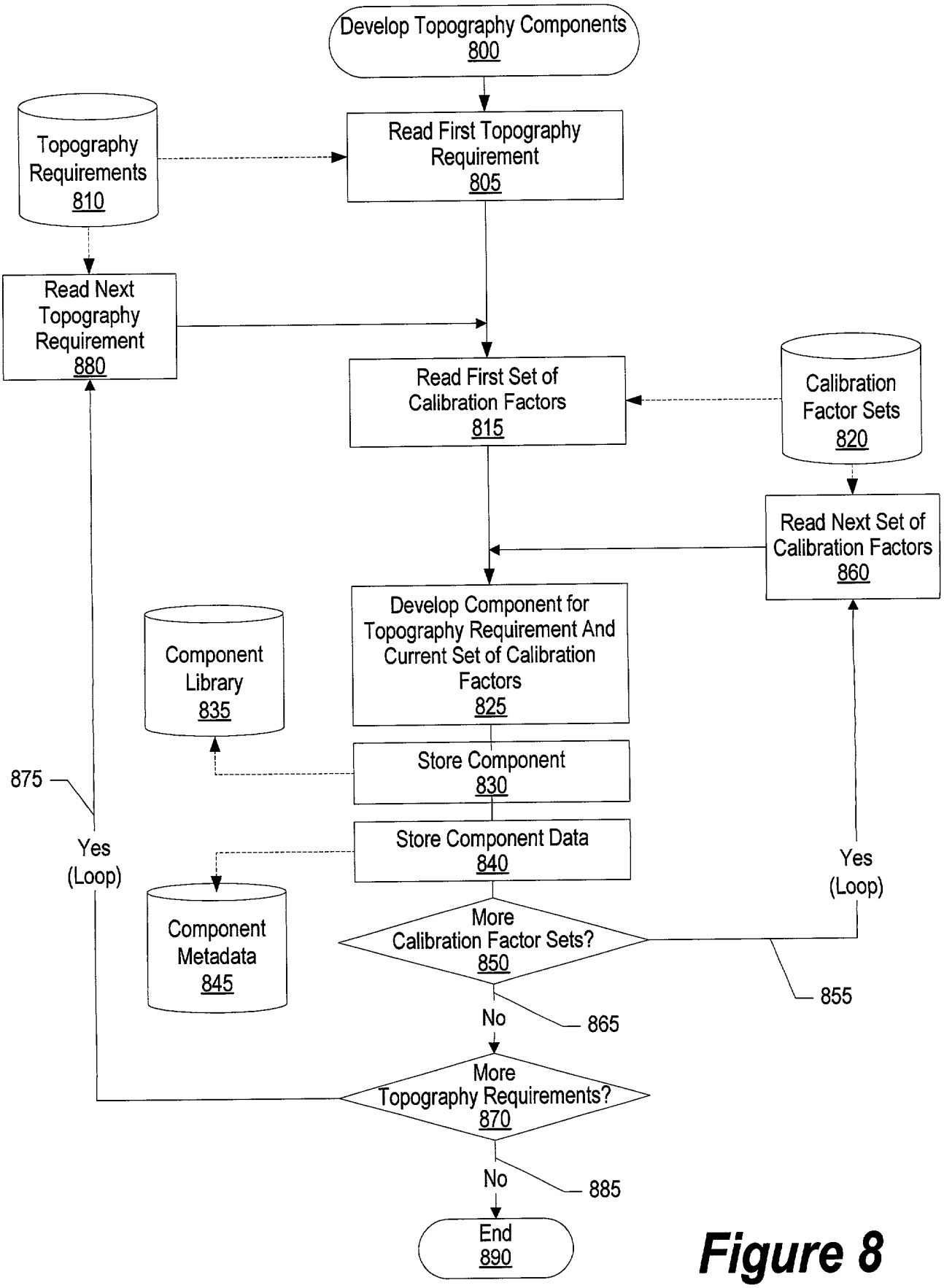
Develop Topography Components
800
Topography Requirements
810
Read First Topography Requirement
805
Read Next Topography Requirement
880
Read First Set of Calibration Factors
815
Calibration Factor Sets
820
Read Next Set of Calibration Factors
860
Develop Component for Topography Requirement And Current Set of Calibration Factors
825
Component Library
835
Store Component
830
Store Component Data
840
Component Metadata
845
875
Yes (Loop)
More Calibration Factor Sets?
850
Yes (Loop)
855
No
865
More Topography Requirements?
870
No
885
End
890

Figure 8

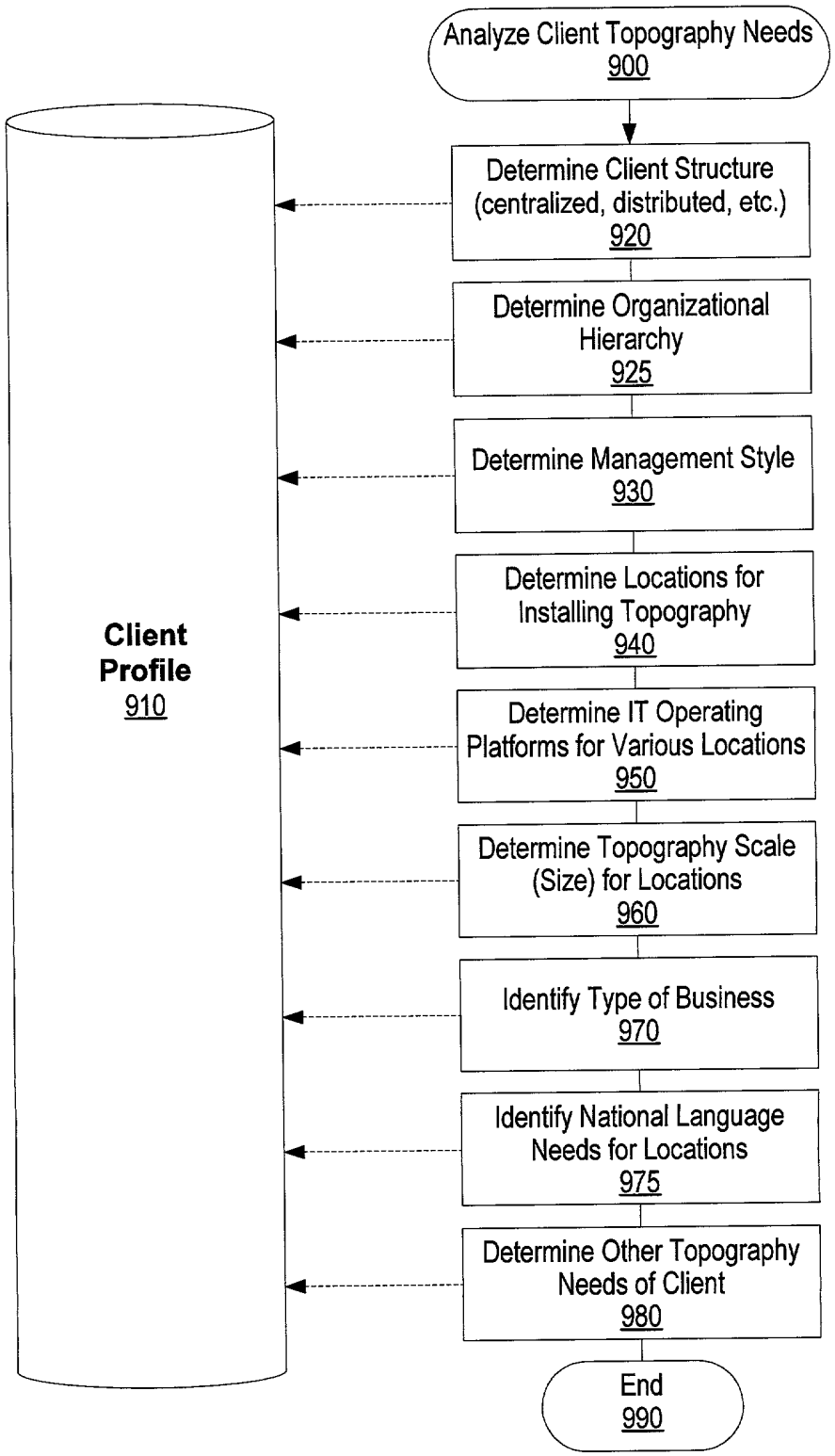
Analyze Client Topography Needs
900
Client Profile
910
Determine Client Structure (centralized, distributed, etc.)
920
Determine Organizational Hierarchy
925
Determine Management Style
930
Determine Locations for Installing Topography
940
Determine IT Operating Platforms for Various Locations
950
Determine Topography Scale (Size) for Locations
960
Identify Type of Business
970
Identify National Language Needs for Locations
975
Determine Other Topography Needs of Client
980
End
990

Figure 9

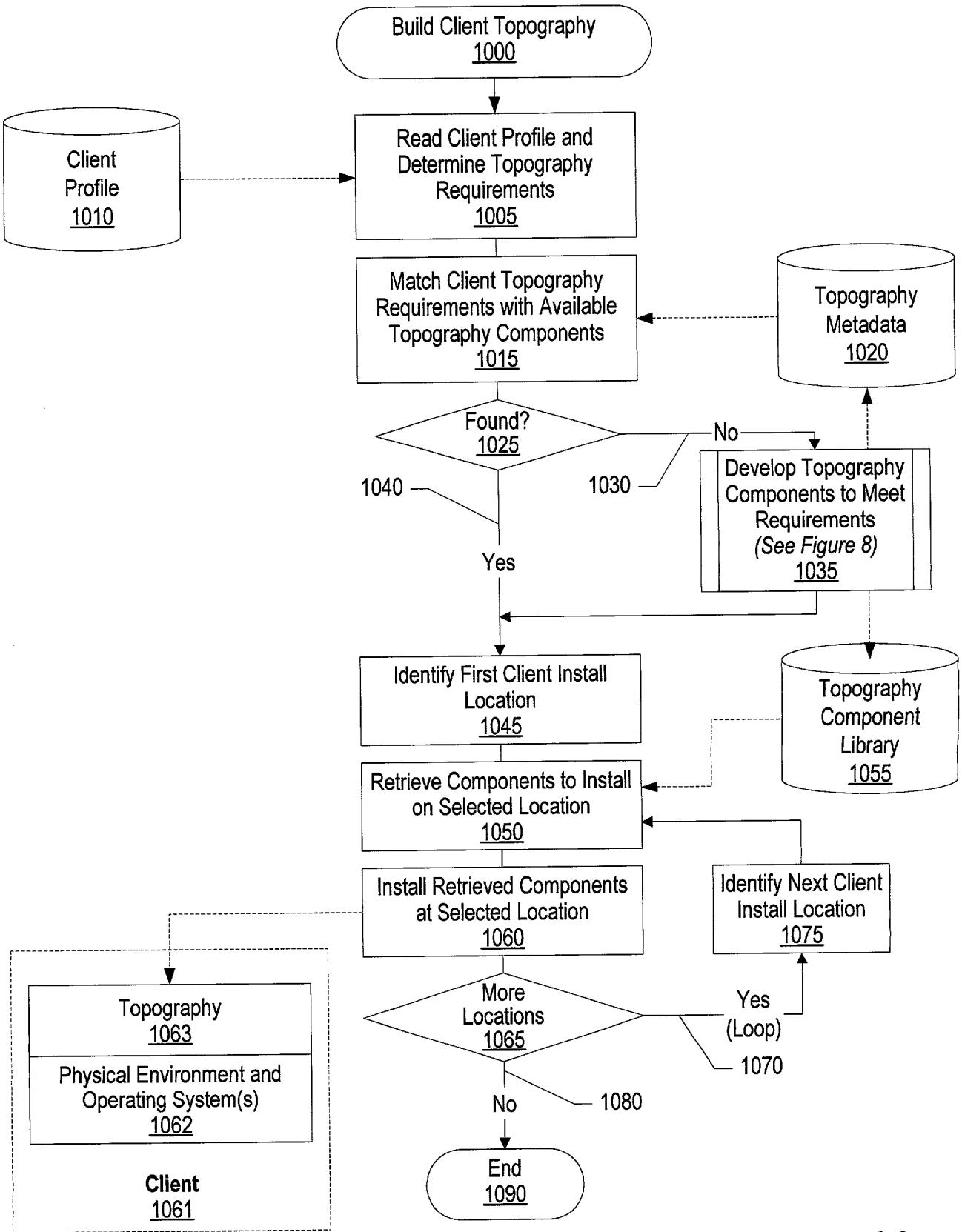
Build Client Topography
1000
Client Profile
1010
Read Client Profile and Determine Topography Requirements
1005
Match Client Topography Requirements with Available Topography Components
1015
Topography Metadata
1020
Found?
1025
No
1030
1040
Yes
Develop Topography Components to Meet Requirements
(See Figure 8)
1035
Identify First Client Install Location
1045
Topography Component Library
1055
Retrieve Components to Install on Selected Location
1050
Install Retrieved Components at Selected Location
1060
Identify Next Client Install Location
1075
More Locations
1065
Yes
(Loop)
1070
No
1080
End
1090
Topography
1063
Physical Environment and Operating System(s)
1062
Client
1061

Figure 10

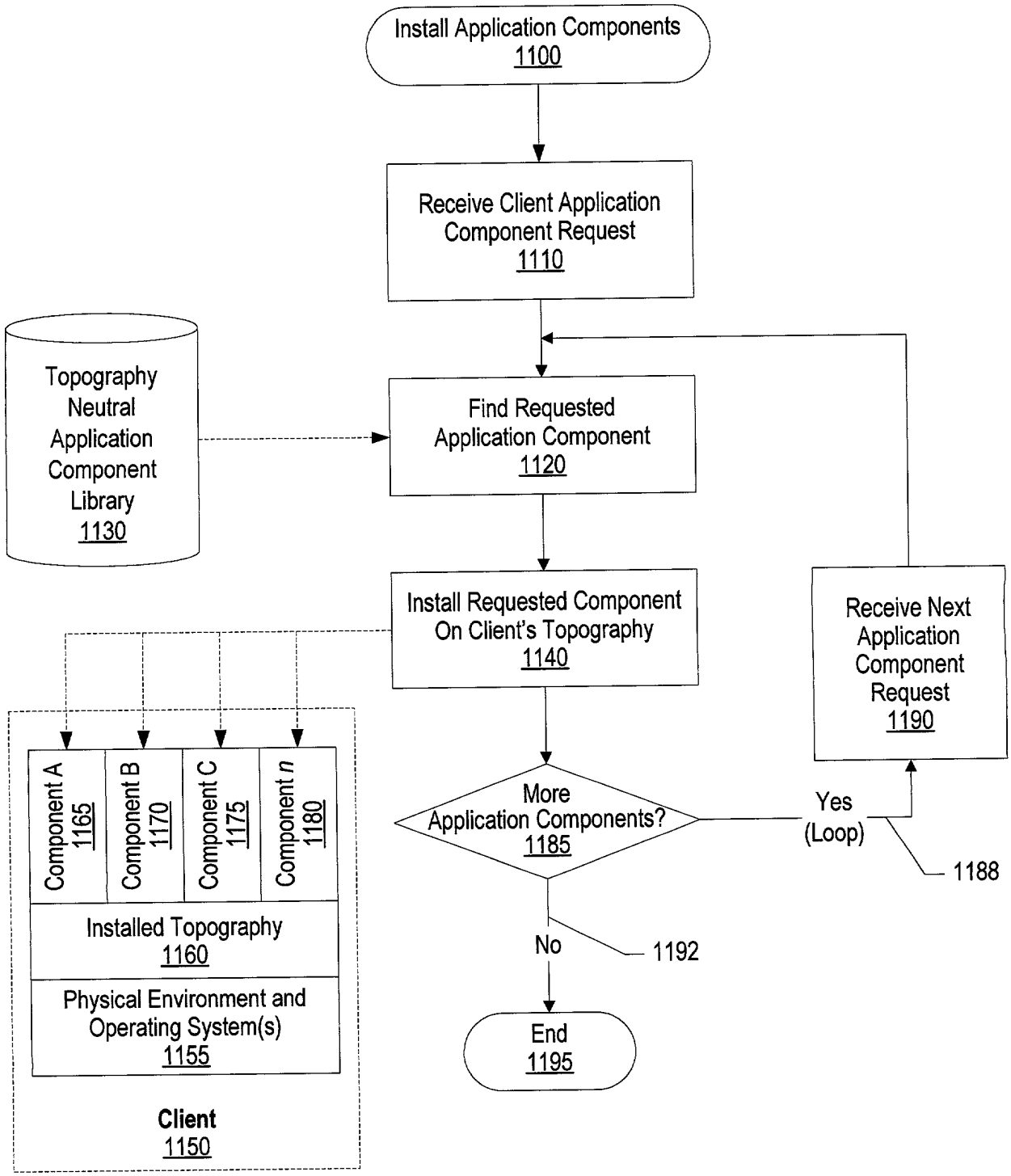
Install Application Components
1100
Receive Client Application Component Request
1110
Topography Neutral Application Component Library
1130
Find Requested Application Component
1120
Install Requested Component On Client's Topography
1140
Receive Next Application Component Request
1190
Component A 1165
Component B 1170
Component C 1175
Component n 1180
Installed Topography
1160
Physical Environment and Operating System(s)
1155
Client
1150
More Application Components?
1185
Yes
(Loop)
1188
No
1192
End
1195

Figure 11

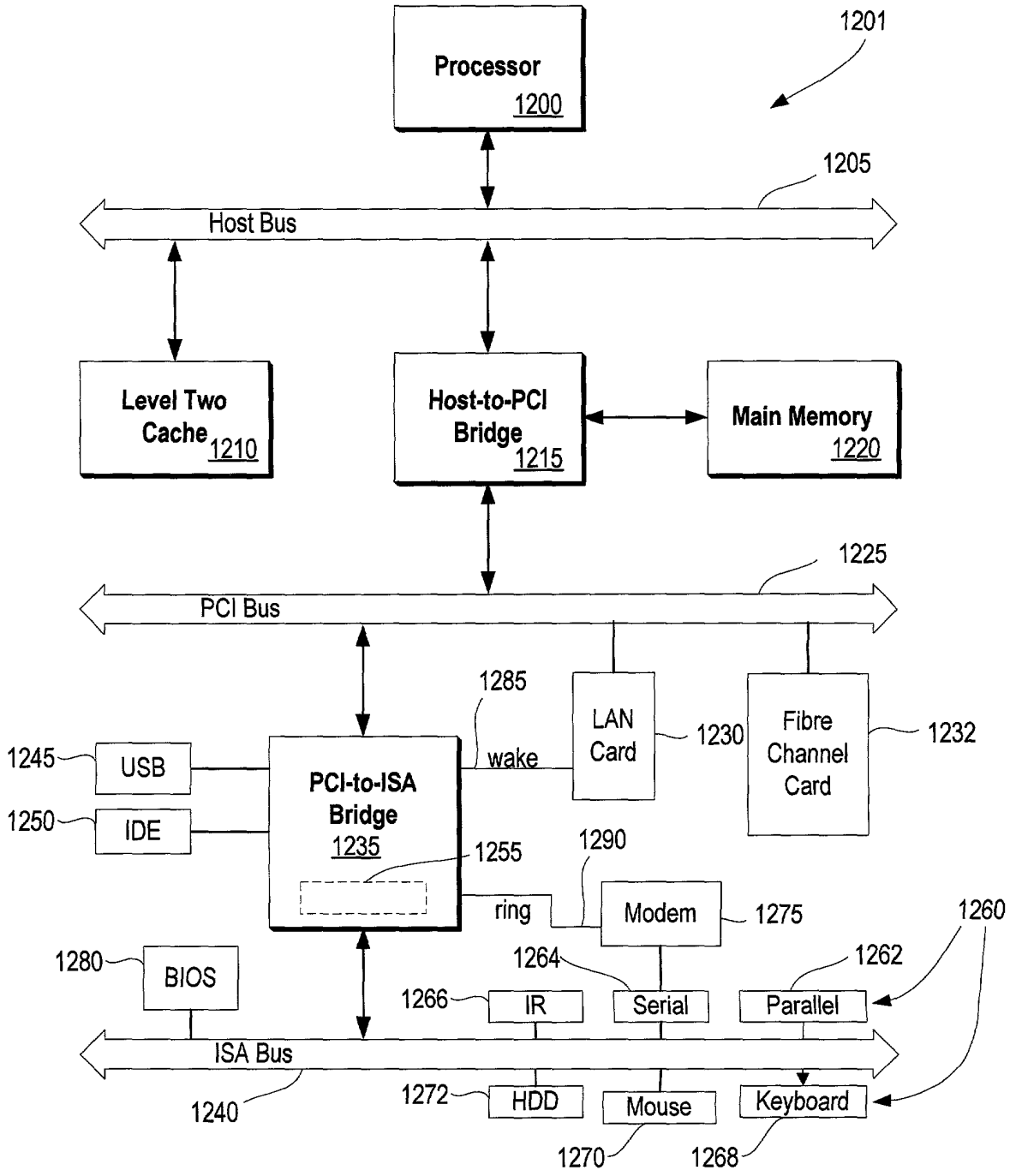
Processor
1200
1201
1205
Host Bus
Level Two Cache
1210
Host-to-PCI Bridge
1215
Main Memory
1220
1225
PCI Bus
1285
wake
LAN Card
1230
Fibre Channel Card
1232
1245
USB
1250
IDE
PCI-to-ISA Bridge
1235
1255
1290
ring
Modem
1275
1260
1280
BIOS
1264
1262
1266
IR
Serial
Parallel
ISA Bus
1240
1272
HDD
Mouse
Keyboard
1270
1268

Figure 12